

FOR
FCC
USE
ONLY

FCC 304

APPLICATION FOR A
MULTIPOINT DISTRIBUTION SERVICE
AUTHORIZATION

FOR COMMISSION USE ONLY

FILE NO.

SECTION I - GENERAL AND FEE INFORMATION

1. LEGAL NAME OF APPLICANT

MAILING STREET ADDRESS OR P.O. BOX

ATTENTION:

CITY

STATE OR COUNTRY (if foreign address)

ZIP CODE

TELEPHONE NUMBER (include area code)

CALL LETTERS

OTHER FCC IDENTIFIER (If applicable)

2. A. Is a fee submitted with this application?

☐ Yes ☐ No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114) and go to Question

☐ Governmental Entity

☐ Nonfeeable Application

C. If Yes, provide the following information:

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Application Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)

(B)

(C)

(D)

FEE TYPE CODE	FEE MULTIPLE	FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FEE PAYOR ID	FOR FCC USE ONLY
<input type="text"/>	<input type="text"/> 0 <input type="text"/> 0 <input type="text"/> 0 <input type="text"/> 1	\$ <input type="text"/>	<input type="text"/>	<input type="text"/>

CLASSIFICATION OF FILING

3. This filing is for a (check one)

☐ New station authorization

☐ Notification pursuant to 47 CFR Section 21.42

☐ Major change to authorized station

☐ Major amendment to pending application

☐ Minor change pursuant to 47 C.F.R. Section 21.41

☐ Minor amendment to pending application

4. The proposed station is associated with which type of protected service area? (Check one)

☐ Basic Trading Area (BTA) or partitioned service area (PSA)

☐ Circular protected area, 56.33 kilometers (35 mile) radius

5. a. If filing references an existing station: Call letters of existing station: _____

b. If filing amends a pending application: File number of pending application: _____

6. Type of station: (check one)

☐ MDS station

☐ Signal booster station

CONTACT REPRESENTATIVE

7. Name of Contact Representative (if other than applicant)		Telephone Number (include area code)
Firm or Company Name		
Mailing Street Address or P.O. Box		
City	State	ZIP Code

CERTIFICATIONS**8. Certification of Person Responsible for Preparing Engineering Information Submitted in this Application.**

I certify that I am responsible for the preparation of the engineering information contained in this application, that I am familiar with Part 21 of the Commission's Rules and have either prepared or reviewed the engineering information submitted in this application, and that it is complete and accurate to the best of my knowledge.

Date	Type or Print Name of Person Certifying	Signature
Firm or Company Name		
Mailing Street Address or P.O. Box		City
State	ZIP Code	Telephone Number (include area code)

9. Certifications of Applicant

By checking Yes, the applicant certifies that in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b). Failure to check "Yes" may cause dismissal of your application.

☐ Yes ☐ No

Except for applicants for stations to be licensed in conjunction with an authorization for a Basic Trading Area (BTA) or partitioned service area (PSA), the applicant certifies that it has, or has reasonable assurance that it will have, the ability to meet the expected costs of constructing the facility within the construction permit period and the estimated operating expenses for twelve months and that the proposed station site will be available to the applicant for timely construction of the facilities during the initial construction period. I am familiar with Part 21 of the Commission's Rules and have either prepared or reviewed the information submitted in this application. The applicant waives any claim to the use of any particular frequency of the electromagnetic spectrum as against the regulatory power of the United States because of previous use of the same, whether by license or otherwise, and requests a construction authorization in accordance with this application. All statements made in the attached exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that the statements made in this application are true, complete and correct to the best of the signer's knowledge and belief and are made in good faith.

Date	Applicant (Must correspond with that shown on Page 1)	Type or Print Name of Person Signing
Signature		Title (Position held by person signing)

**WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT
(U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR
CONSTRUCTION**

SECTION II - LEGAL INFORMATION

1. LICENSEE QUALIFICATION REPORT. Does the applicant have a current "Licensee Qualification Report," FCC Form 430, on file for the MDS service? If No, that form must be completed and submitted with this application. If Yes, indicate the date of such filing with the MDS Section of the Video Services Division of the Mass Media Bureau: _____

☐ Yes ☐ No

2. Applicant proposes service as a: ☐ Common Carrier ☐ Non-common Carrier

OWNERSHIP AND CONTROL OF FACILITIES

3. Are there any agreements or understandings existant or under negotiation which affect the ownership or control of the facilities proposed herein, or any right or interest therein by any person not party to this application?

☐ Yes ☐ No

If Yes, submit an exhibit explaining such understandings or agreements.

Exhibit No.

4. Are there any agreements or understandings existant or under negotiation which affect the management or operation of the facilities proposed herein?

☐ Yes ☐ No

If Yes, submit an exhibit demonstrating how the applicant will retain control over the facilities and certifying compliance with 47 C.F.R. Section 21.13(g).

Exhibit No.

5. Does this application propose a new or modified station for which there is an ownership interest in, control by, affiliation with, or leasing arrangement with a cable television company?

☐ Yes ☐ No

If Yes, submit an exhibit describing the relationship with the cable company and a map or narrative depicting the overlap, if any, of the boundaries of the cable franchise area and MDS protected service area.

Exhibit No.

INITIAL LONG-FORM APPLICATION OF AUCTION WINNERS ONLY

6. a. Is this the initial long-form application for an MDS station within an auction winner's BTA service area; i.e., the first new station to be licensed in this BTA to the auction winner?

☐ Yes ☐ No

- b. If Yes, has the applicant previously filed a Statement of Intention regarding this BTA?

☐ Yes ☐ No

If this is the initial long-form application and the applicant has not previously filed a Statement of Intention, the applicant must submit the information specified in Questions 7 and 8 of this section.

7. Submit an exhibit pursuant to 47 C.F.R. Sections 1.2107(d) and 21.956(b)(2) detailing the terms and conditions and parties involved in any bidding consortia, joint venture, partnership or other arrangement the applicant had entered into relating to the competitive bidding process.

Exhibit No.

8. Does the applicant claim status as a designated entity?

☐ Yes ☐ No

If Yes, submit an exhibit pursuant to 47 C.F.R. Sections 1.2110(i) and 21.960(e) describing how the applicant satisfies the designated entity eligibility requirements, summarizing all agreements that affect designated entity status, and disclosing specified revenue information.

Exhibit No.

SECTION III - PURPOSE OF FILING

1. Check one or more boxes that correctly describes the purpose of this filing.

- ☐ A. request authorization for new station
- ☐ B. request authority to add channel(s) within an E- or F- group authorization
- ☐ C. request authority to change channel(s) within an authorized E- or F- group
- ☐ D. request authority to relocate a transmitting site
- ☐ E. request authority to increase EIRP by more than 1 dB in any direction
- ☐ F. request authority to increase antenna radiation center height above ground
- ☐ G. request authority to increase overall height of antenna structure
- ☐ H. request authority to change antenna polarization
- ☐ I. request authority to change transmitter emission type or bandwidth
- ☐ J. change antenna horizontal radiation pattern
- ☐ K. change azimuth of main horizontal lobe of radiation
- ☐ L. add or change visual frequency offset
- ☐ M. decrease EIRP
- ☐ N. change antenna radiation center height by less than 1.5 meters
- ☐ O. increase overall height of antenna to a height of 6.1 meters or less above ground or building
- ☐ P. decrease overall height of antenna structure
- ☐ Q. delete a channel(s)
- ☐ R. other facilities changes (submit exhibit explaining changes)
- ☐ S. correct erroneous information on license not involving a major change pursuant to 47 C.F.R. Section 21.23 (submit an exhibit if nature of correction(s) is not listed here).

SECTION IV - STATION LOCATION INFORMATION

ANTENNA SITE LOCATION

1. Action requested (check one)

☐

Add new station

☐

Move location

☐

Correct coordinates

2. Street address or other description of antenna site

3. City

4. State

5. County

6. Transmitting Antenna site coordinates (check South Latitude or East Longitude boxes if applicable)

a. North Latitude
(DD-MM-SS)

or

☐

South Latitude

b. West Longitude
(DD-MM-SS)

or

☐

East Longitude

° ' "

° ' "

7. Ground elevation above mean sea level _____ meters

8. If changing antenna location or correcting antenna site coordinates, give coordinates of the site being changed or corrected. NOTE: Correction of site latitude or longitude or both by more than 10 seconds is a major change in authorized facilities.

a. North Latitude
(DD-MM-SS)

or

☐

South Latitude

b. West Longitude
(DD-MM-SS)

or

☐

East Longitude

° ' "

° ' "

9. QUIET ZONE: Does this application propose to construct or modify a station in any "quiet zone" area where radio use is restricted?

☐

Yes

☐

No

If Yes, give the name of authority notified and date of notification.

a. Authority notified

b. Date of notification

10. ENVIRONMENTAL POLICY: Would a Commission grant of any proposal in this application or amendment have a significant environmental effect as defined by 47 C.F.R. Section 1.1307?

☐

Yes

☐

No

If Yes, submit as an Exhibit with the application the environmental assessment required by 47 C.F.R. Sections 1.1308 and 1.1311.

Exhibit No.

If No, give a brief explanation of why there will not be a significant environmental effect. (submit an exhibit if more space is needed.)

Exhibit No.

SECTION IV - STATION LOCATION INFORMATION (Page 2)

PROTECTED SERVICE AREA

11. The protected service area associated with the proposed station is a: (check one)

- ☐ Circle with radius of 56.33 km (35 miles)
- ☐ Basic Trading Area (BTA) or one of the six additional BTA-like areas
- ☐ Partitioned service area (PSA)

NOTE: By definition, a BTA authorization must include all counties of that BTA; i.e., no counties of a BTA have been partitioned to another entity. Upon the removal of any portion of a BTA through partitioning, the remaining area is no longer a BTA, but, itself, becomes a partitioned service area.

12. FOR APPLICATION PROPOSALS ASSOCIATED WITH A 56.33 KM (35 MILE) PROTECTED SERVICE AREA, enter the geographic coordinates of the center of the authorized circular protected service area. CAUTION: The center coordinates may not coincide with the antenna site coordinates if the site has been, or is herein proposed to be relocated.

a. North Latitude (DD-MM-SS)	or	<input type="checkbox"/> South Latitude	b. West Longitude (DD-MM-SS)	or	<input type="checkbox"/> East Longitude
° ' "			° ' "		
_____		_____	_____		_____

13. FOR APPLICATION PROPOSALS ASSOCIATED WITH A BASIC TRADING AREA (BTA):

BTA Numerical Designator _____

BTA Name (City/State) _____

14. FOR APPLICATION PROPOSALS ASSOCIATED WITH A PARTITIONED SERVICE AREA (PSA): Identify the contiguous counties and/or other political subdivisions that comprise the PSA in which the proposed antenna site will be located. A map depicting the PSA may be submitted, but is not required.

SECTION V - TRANSMITTING ANTENNA INFORMATION

1. Antenna Number	1	2	3
2. Manufacturer			
3. Model Number			
4. Beam Width: (or "omni")			

5. Tabulation of horizontal relative field strengths for a directional antenna or array.

a. The station at this site will use: ☐ a single antenna ☐ multiple antennas

b. FOR SINGLE TRANSMITTING ANTENNA SYSTEMS, is the horizontal plane radiation pattern for this antenna already tabulated in the FCC's directional antenna data base?

☐ Yes ☐ No

If No, enter in Question 5.d., values for the NORMALIZED horizontal plane relative field strengths for this antenna. Refer to the instructions for guidance.

c. FOR MULTIPLE TRANSMITTING ANTENNA SYSTEMS, tabulate in Question 5.d., values for the horizontal plane relative field strengths for the "composite" antenna system. Give the NON-NORMALIZED (i.e., actual) relative field strength corresponding to each specified azimuth.

d. Required Azimuths						Optional Azimuths	
Azimuth	Rel Field	Azimuth	Rel Field	Azimuth	Rel Field	Azimuth	Rel Field
0		120		240			
10		130		250			
20		140		260			
30		150		270			
40		160		280			
50		170		290			
60		180		300			
70		190		310			
80		200		320			
90		210		330			
100		220		340			
110		230		350			

SECTION VI - REQUESTED TRANSMITTING FACILITIES

1. Channel(s): _____ or Channel Group: _____ 2. Offset: _____
3. Emission Designator: _____ Aural: _____ 4. Polarization: _____
5. Antenna Radiation Center Above Ground: _____ meters
6. Equivalent Isotropically Radiated Power: _____ dBw
7. Transmitting Antenna ☐ Single Antenna or ☐ Multiple Antennas
8. DATA FOR A SINGLE TRANSMITTING ANTENNA SYSTEM
 - a. Antenna Type: ☐ Omnidirectional or ☐ Directional
 - b. If Directional, Azimuth of Main Horizontal Lobe: _____
 - c. Beam Tilt (if applicable): _____
9. DATA FOR A MULTIPLE TRANSMITTING ANTENNA SYSTEM. Give the main lobe azimuth(s) (clockwise from True North) of each separate antenna in the multiple antenna array, and also give the main lobe azimuth(s) of the composite horizontal plane radiation pattern resulting from the combined use of these antennas. Use the antenna numbers in Section V. that correspond to each different antenna in the array. For example, if the array consist of two identical antennas, the number 1 would be entered in the Antenna No. column for both the first and second antenna.

	Antenna No.	Azimuth of Main Lobe
(a) First antenna		
(b) Second antenna		
(c) Third antenna		
(d) Composite antenna array	*****	

SECTION VII - ANTENNA STRUCTURE DATA

1. Structure is: ☐ New ☐ Existing
2. Existing station using structure
- a. Call Sign: _____
- b. Radio Service: _____
3. Figure number (1, 3, or 3) of figures below which most resembles the _____
- a. Structure type: _____
- b. Height of support structure ("b" in figures): _____ meters
- c. Overall height of structure ("d" in figures): _____ meters
4. FCC tower number (if known): _____
5. Is FAA notification required? _____ ☐ Yes ☐ No
6. If Yes, FAA notified? _____ ☐ Yes ☐ No
- a. Date FAA notification filed: _____
- b. FAA regional office (city/state): _____
- c. FAA study number (if known): _____
- d. If required FAA notification has not been made, briefly explain below:

SECTION VIII - INTERFERENCE ANALYSIS AND NOTIFICATION REQUIREMENTS

1. The applicant has met the following requirement to:

- a. Prepare an analysis of the potential for harmful interference from its proposed facility to the protected service area of all authorized and previously proposed "incumbent" MDS stations, for which the geographic coordinates of the center of the protected 56.33 kilometer (35 mile) circular areas are located within 160.94 kilometers (100 miles) of the proposed MDS station antenna site, [or 80.47 kilometers (50 miles) of a proposed signal booster site] and which operate or propose to operate on the same channel or an adjacent channel **OR, in lieu of an interference analysis to a particular station(s),**
- b. The applicant has previously filed or is filing with this application a written statement(s) of "no objection" to the operation of the proposed station from the licensee(s), conditional licensee(s) and/or applicant(s). (SEE 47 C.F.R. Sections 21.902 and 21.937.)

☐ Yes ☐ No

2. The applicant certifies that it has, on or before the date of submission of this application, served the above-referenced interference analysis(es), together with a copy of this application, on all "incumbent" MDS licensees, conditional licensees and/or applicants for which a written statement of "no objection" has not been submitted.

☐ Yes ☐ No

3. The applicant certifies that it has, on or before the date of submission of this application:

- a. Served written notice of this filing, including a copy of this application, on all authorization holders for an adjoining BTA or partitioned service area, PROVIDED the proposed facilities would produce an unobstructed electromagnetic signal parth to any location within an adjoining BTA or partitioned service area

☐ Yes ☐ No

OR, alternatively,

- b. Has previously filed or is filing with this application a written statement(s) of "no objection" to the operation of the proposed station from the applicable service authorization holders. NOTE: These notification or consent provisions do not apply to an MDS authorization holder or licensee with respect to an adjoining area authorized to the same entity.

4. The applicant has prepared an analysis, which demonstrates that:

- a. The proposed MDS station or signal booster would not produce a free space power flux density greater than - 73 dBW/M at any point on the boundary of its protected service area for which there is an unobstructed electromagnetic signal parth to the transmitting antenna
OR, alternatively, that
- b. It has filed or is filing with this application, a written statement(s) of "no objection" to the operation of the proposed facility from authorization holders of an adjoining BTA or partitioned service area, permitting the power flux density to exceed the limiting value at the boundary.

☐ Yes ☐ No

5. The applicant has prepared an analysis, which demonstrates that:

- a. The proposed MDS station or signal booster would not cause harmful interference to any authorized or previously proposed E-, F-, G- or D-channel ITFS station with a transmitter site within 80.5 kilometers (50 miles) of the site coordinates of the proposed station
OR, alternatively, that
- b. It is submitting with this application, a written statement(s) of "no objection" to the operation of the proposed station from the ITFS licensees, permittees and/or applicants pursuant to 47 C.F.R. Section 21.902(i).

☐ Yes ☐ No

6. The applicant certifies that it has, on or before the date of submission of this application, served the interference studies and a copy of this application on all ITFS licensees, permittees and/or applicants for which a written statement of "no objection" is not submitted with this application.

☐ Yes ☐ No

SECTION IX - OTHER INFORMATION

1. The applicant has entered into an agreement(s) to operate the proposed station on the basis of visual carrier frequency offset with respect to one or more authorized stations or pending applications.

☐ Yes ☐ No

If Yes, submit an exhibit that identifies the parties with whom an offset agreement has been reached; include the name of the licensee, conditional licensee or applicant, station location, channel(s), frequency offsets ("+" or "-") and the call sign or application file, if known. Also include a signed statement from each affected licensee, conditional licensee or applicant who agrees to operate on the basis of frequency offset.

Exhibit No.

2. In addition to the other interference analysis and/or notification requirements, AN APPLICANT FOR AN MDS SIGNAL BOOSTER:

a. certifies that the site of the proposed signal booster is located within the applicant's protected service area.

☐ Yes ☐ No

b. has included with the application a written consent statement of the licensee of each MDS, ITFS and OFS station whose signal is to be retransmitted.

☐ Yes ☐ No

3. RULE WAIVERS AND EXCEPTIONS. Is the proposal contained in this application inconsistent with any of the Commission's Rules?

☐ Yes ☐ No

If Yes, submit an exhibit describing all requests for waivers or exceptions, including justification and supporting documentation.

Exhibit No.

4. ADDITIONAL EXHIBITS. Provide any other information in attached exhibits that may be required by the Commission's Rules, but is not addressed in this form.

EXHIBIT NO.	IDENTITY	EXHIBIT NO.	IDENTITY